

FIELD	DESCRIPTION
QCBATCH	Laboratory analysis Group ID
EXSAMPID	Investigator's sample identifier
SAMPDATE	Date sample collected as YYYYMMDD
SAMPTIME	Time sample collected as HH:MM
SITEID	Site identifier
STUDYID	Study identifier
STATIONID	Station identifier
SAMPLEID	Sample identifier
LABREP	Lab replicate number
UDEPTH	Upper depth of the water sample in meters
LDEPTH	Lower depth of the water sample in meters
CHEMNAME	Full chemical name of compound for which analysis was conducted.
CONC	Measured concentration
QUALCODE	Assigned qualifier for concentration
UNITS	Units of concentration for parameter
DVLEVEL	Stores the Data Validation level conducted on the sample
DL	Analytical method detection limit.
RL	Reporting limit--Level at which target analytes are reported, i.e. practical quantitation limit
MEASBASIS	Total or dissolved fraction measurement basis
METHOD	Analytical method
LABNAME	Name of the laboratory that conducted the analysis
LATITUDE	Latitude in decimal degrees, NAD83
LONGITUDE	Longitude in decimal degrees, NAD83
CHEMCODE	Code for parameter name

chemcode	chemname	wa_units
ACENAPTHEN	Acenaphthene	ug/L
ACENAPTYLE	Acenaphthylene	ug/L
AHCN_C09	N-Nonane (C9)	ug/L
AHCN_C10	Decane	ug/L
AHCN_C11	Undecane	ug/L
AHCN_C12	Dodecane	ug/L
AHCN_C13	Tridecane	ug/L
AHCN_C14	Tetradecane	ug/L
AHCN_C15	N-pentadecane	ug/L
AHCN_C16	Hexadecane	ug/L
AHCN_C17	Heptadecane	ug/L
AHCN_C18	Octadecane	ug/L
AHCN_C19	Nonadecane	ug/L
AHCN_C20	Eicosane	ug/L
AHCN_C21	Heneicosane	ug/L
AHCN_C22	DOCOSANE	ug/L
AHCN_C23	Tricosane	ug/L
AHCN_C24	Tetracosane	ug/L
AHCN_C25	Pentacosane	ug/L
AHCN_C26	Hexacosane	ug/L
AHCN_C27	Heptacosane	ug/L
AHCN_C28	Octacosane	ug/L
AHCN_C29	Nonacosane	ug/L
AHCN_C30	Triacontane	ug/L
AHCN_C31	Hentriacontane	ug/L
AHCN_C32	Dotriacontane	ug/L
AHCN_C33	Trtriacontane	ug/L
AHCN_C34	Tetratriacontane	ug/L
AHCN_C35	N-PentaTriacontane (C35)	ug/L
AHCN_C36	N-HexaTriacontane (C36)	ug/L
AHCN_C37	N-HeptaTriacontane (C37)	ug/L
AHCN_C38	N-OctaTriacontane (C38)	ug/L
AHCN_C39	N-NonaTriacontane (C39)	ug/L
AHCN_C40	N-Tetracontane(C40)	ug/L
AM3METHER	TAME	ug/L
ANTHRACENE	Anthracene	ug/L
B124_TRIME	1,2,4-Trimethylbenzene	ug/L
B135_TRIME	Benzene, 1,3,5,-trimethyl	ug/L
BAA	Benzo(a)anthracene	ug/L
BAF	Benzo(a)fluoranthene	ug/L
BANTH2	Dibenzo(a,h)anthracene	ug/L
BAP	Benzo(a)pyrene	ug/L
BBF	Benzo(b)fluoranthene	ug/L
BENZENE	Benzene	ug/L
BEP	Benzo(e)pyrene	ug/L
BGHIP	Benzo(g,h,i)perylene	ug/L
BIPHENYL	Biphenyl	ug/L
BJKF	Benzo(j+k)fluoranthene	ug/L
BKF	Benzo(k)fluoranthene	ug/L
BNZFL_23	2,3-Benzofluorene	ug/L
BRMETA12_2	1,2-Dibromoethane	ug/L

chemcode	chemname	wa_units
BTHIOPHNE	Benzothiophene	ug/L
C1BZBTHIOP	C1-Benzo(b)thiopenes	ug/L
C1CHRYSENS	C1-Chrysenes (methyl)	ug/L
C1DBZTHIOP	C1-Dibenzothiophenes (methyl)	ug/L
C1DECALINS	C1-Decalins	ug/L
C1FLUORENS	C1-Fluorenes (methyl)	ug/L
C1FLUORPYR	C1-Fluoranthenes/pyrenes	ug/L
C1NAPHTHS	C1-Naphthalenes (methyl)	ug/L
C1NTHPHNE	C1-Naphthobenzothiophene	ug/L
C1PHENANCS	C1-Phenanthrenes/anthracenes	ug/L
C1PHENANS	C1-Phenanthrenes (methyl)	ug/L
C1PYRENE	C1-Pyrene	ug/L
C2BZBTHIOP	C2-Benzo(b)thiophenes	ug/L
C2CHRYSENS	C2-Chrysenes (ethyl)	ug/L
C2DBZTHIOP	C2-Dibenzothiophenes (ethyl)	ug/L
C2DECALINS	C2-Decalins	ug/L
C2FLUORENS	C2-Fluorenes (ethyl)	ug/L
C2FLUORPYR	C2-Fluoranthenes/pyrenes	ug/L
C2NAPHTHS	C2-Naphthalenes (ethyl)	ug/L
C2NTHPHNE	C2-Naphthobenzothiophene	ug/L
C2PHENANCS	C2-Phenanthrenes/anthracenes	ug/L
C2PHENANS	C2-Phenanthrenes (ethyl)	ug/L
C2PYRENE	C2-Pyrene	ug/L
C3BZBTHIOP	C3-Benzo(b)thiopenes	ug/L
C3CHRYSENS	C3-Chrysenes (propyl)	ug/L
C3DBZTHIOP	C3-Dibenzothiophenes (propyl)	ug/L
C3DECALINS	C3-Decalins	ug/L
C3FLUORENS	C3-Fluorenes (propyl)	ug/L
C3FLUORPYR	C3-Fluoranthenes/pyrenes	ug/L
C3NAPHTHS	C3-Naphthalenes (propyl)	ug/L
C3NTHPHNE	C3-Naphthobenzothiophene	ug/L
C3PHENANCS	C3-Phenanthrenes/anthracenes	ug/L
C3PHENANS	C3-Phenanthrenes (propyl)	ug/L
C3PYRENE	C3-Pyrene	ug/L
C4BZBTHIOP	C4-Benzo(b)thiopenes	ug/L
C4CHRYSENS	C4-Chrysenes (butyl)	ug/L
C4DBZTHIOP	C4-Dibenzothiophenes (butyl)	ug/L
C4DECALINS	C4-Decalins	ug/L
C4FLUORPYR	C4-Fluoranthenes/Pyrenes	ug/L
C4NAPHTHS	C4-Naphthalenes (butyl)	ug/L
C4NTHPHNE	C4-Naphthobenzothiophene	ug/L
C4PHENANCS	C4-Phenanthrenes/anthracenes	ug/L
C4PHENANS	C4-Phenanthrenes (butyl)	ug/L
C4PYRENE	C4-Pyrene	ug/L
CARBAZOLE	Carbazole	ug/L
CHRY3PHYL	Chrysene + Triphenylene	ug/L
CHRYSENE	Chrysene	ug/L
CLETH12_2	1,2-Dichloroethane	ug/L
CTDECALINS	cis/trans-Decalin	ug/L
CUMENE	Cumene	ug/L
CYCHEXANE	Cyclohexane	ug/L

chemcode	chemname	wa_units
CYCPENTAN	Cyclopentane	ug/L
CYMENE4	4-Cymene	ug/L
DECENE1	1-Decene	ug/L
DIBNZFURAN	Dibenzofuran	ug/L
DIBNZTHIO	Dibenzothiophene	ug/L
DIETHBNZ12	1,2-Diethylbenzene	ug/L
DIHYDIND23	2,3-dihydroindene	ug/L
DIPRPYLETH	Diisopropyl ether	ug/L
ETH2BNZ14	2-Ethyl-1,4-dimethylbenzene	ug/L
ETH2THIOP	2-Ethylthiophene	ug/L
ETH3BUTETH	Ethyl Tertiary Butyl Ether (ug/L
ETH4BNZ12	4-Ethyl-1,2-dimethylbenzene	ug/L
ETH4BNZ13	1,3-Dimethyl-4-ethylbenzene	ug/L
ETH5BNZ13	1,3-Dimethyl-5-ethylbenzene	ug/L
ETHHEX3	3-Ethylhexane	ug/L
ETHYLBENZ	Ethylbenzene	ug/L
FLUORANTHN	Fluoranthene	ug/L
FLUORENE	Fluorene	ug/L
HEPTANE	Heptane	ug/L
HEPTDMCP12	1-Heptene/1,2-DMCP (trans)?	ug/L
HEXENE1	1-Hexene	ug/L
HOP	Hopane	ug/L
ICDP	Indeno(1,2,3-c,d)pyrene	ug/L
ISOOCTANE	Isooctane	ug/L
M4BNZ1245	1,2,4,5-Tetramethylbenzene	ug/L
MCHEX	Methylcyclohexane	ug/L
MCYCPENT	Methylcyclopentane	ug/L
MDBZTHIOP1	1-Methyldibenzothiophene	ug/L
MDBZTHIOP2	2/3-Methyldibenzothiophene	ug/L
MDBZTHIOP4	4-Methyldibenzothiophene	ug/L
MET3BUTETH	Methyl-Tert-Butyl Ether	ug/L
METANTH_2	2-Methylantracene	ug/L
METH2BNZ13	2-Ethyl-1,3-dimethylbenzene	ug/L
METH2BNZ23	1-Ethyl-2,3-dimethylbenzene	ug/L
METHEBNZ2	1-Ethyl-2-methylbenzene	ug/L
METHNAP_1	1-Methylnaphthalene	ug/L
METHNAP_2	2-Methylnaphthalene	ug/L
METHY2BUTN	2-Methylbutane	ug/L
METNAP26_2	2,6-Dimethylnaphthalene	ug/L
METPHEAN24	2/4-Methylphenanthrene	ug/L
METPHENAN1	1-Methylphenanthrene	ug/L
METPHENAN3	3-Methylphenanthrene	ug/L
METPHENAN9	9-Methylphenanthrene	ug/L
MMT	MMT	ug/L
MPENT22	2,2-Dimethylpentane	ug/L
MPENT223	2,2,3-Trimethylpentane	ug/L
MPENT233	2,3,3-Trimethylpentane	ug/L
MPENT234	2,3,4-Trimethylpentane	ug/L
MPENT_2	2-Methylpentane	ug/L
MPENT_3	3-Methylpentane	ug/L
MPROPBNZNE	Methylpropylbenzene	ug/L

chemcode	chemname	wa_units
MP_XYLENE	Xylene, m,p-	ug/L
MT2BUTE1	2-Methyl-1-butene	ug/L
MTH1ETBNZ3	1-Methyl-3-ethylbenzene	ug/L
MTH1ETBNZ4	1-Methyl-4-ethylbenzene	ug/L
MTH1PBNZ3	1-Methyl-3-propylbenzene	ug/L
MTH1PBNZ4	1-Methyl-4-propylbenzene	ug/L
MTH2THIOP	2-Methylthiophene	ug/L
MTH3THIOP	3-Methylthiophene	ug/L
MTHBUTN23	2,3-Dimethylbutane	ug/L
MTHHEP2	2-Methylheptane	ug/L
MTHHEP3	3-Methylheptane	ug/L
MTHHEX2	2-Methylhexane	ug/L
MTHHEX23	2,3-Dimethylhexane	ug/L
MTHHEX24	2,4-Dimethylhexane	ug/L
MTHHEX25	2,5-Dimethylhexane	ug/L
MTHHEX3	3-Methylhexane	ug/L
MTHIPBNZ2	1-Methyl-2-isopropylbenzene	ug/L
MTHIPBNZ3	1-Methyl-3-isopropylbenzene	ug/L
MTHPENT23	2,3-Dimethylpentane	ug/L
MTHPENT24	2,4-Dimethylpentane	ug/L
MTNAP235_3	2,3,5-Trimethylnaphthalene	ug/L
NAPTHALENE	Naphthalene	ug/L
NONENE1	1-Nonene	ug/L
NORPRISTAN	Norpristane (1650)	ug/L
NTHPHNE	Naphthobenzothiophenes	ug/L
N_BUTLBENZ	N-Butylbenzene	ug/L
N_HEXANE	n-Hexane	ug/L
N_PRYLBENZ	N-Propylbenzene	ug/L
OCTANE	Octane	ug/L
OCTENE1	1-Octene	ug/L
O_XYLENE	Xylene, ortho-	ug/L
PENTANE	Pentane	ug/L
PENTENE1	1-Pentene	ug/L
PENTENE2C	2-Pentene (cis)	ug/L
PENTENE2T	2-Pentene (trans)	ug/L
PENTYLBENZ	Pentylbenzene	ug/L
PERYLENE	Perylene	ug/L
PET_HC	Petroleum hydrocarbons	mg/L
PHENANTHRN	Phenanthrene	ug/L
PHYTANE	Phytane	ug/L
PRISTANE	Pristane	ug/L
PYRENE	Pyrene	ug/L
RETENE	Retene	ug/L
SEC_BUTBEN	Sec-butylbenzene	ug/L
STYRENE	Styrene	ug/L
TERTBUTOL	Tertiary butanol	ug/L
THIOPHENE	Thiophene	ug/L
TMDDEC260	2,6,10 Trimethyldodecane (1380)	ug/L
TMTDEC260	2,6,10 Trimethyltridecane (1470)	ug/L
TOLUENE	Toluene	ug/L

SITE	STUDYID	QUALCODE	LABNAME	DESCRIPT
0600	B1	U	LSU	Undetected (assigned based on Det_flag = N)
0600	B2	B	Alpha Analytical	Found in associated blank as well as sample.
0600	B2	J	Alpha Analytical	Estimated value, below quantitation limit.
0600	B2	JB	Alpha Analytical	Estimated value. Found in associated blank as well as sample.
0600	B2	U	LSU	Undetected (assigned based on Det_flag = N)
0600	B3	U	LSU	Undetected (assigned based on Det_flag = N)
0600	B4	U	LSU	Undetected (assigned based on Det_flag = N)
0600	B5	U	LSU	Undetected (assigned based on Det_flag = N)
0600	B2	G	Alpha Analytical	Matrix interference.
0600	B2	BG	Alpha Analytical	Matrix interference. Found in associated blank as well as sample.
0600	B2	JG	Alpha Analytical	Estimated value (below QL). Matrix interference.
0600	B2	JBG	Alpha Analytical	Estimated value (below QL). Matrix interference. Found in blank.
0600	B2	U	Alpha Analytical	The analyte was analyzed for but not detected at the sample specific level RL
0600	B6	B	Alpha Analytical	Found in associated blank as well as sample.
0600	B6	G	Alpha Analytical	Matrix interference.
0600	B6	J	Alpha Analytical	Estimated value; below quantitation limit.
0600	B6	JB	Alpha Analytical	Estimated value. Found in associated blank as well as sample.
0600	B6	JBG	Alpha Analytical	Estimated value (below QL). Matrix interference. Found in blank.
0600	B6	JG	Alpha Analytical	Estimated value (below QL). Matrix interference.
0600	B6	U	Alpha Analytical	The analyte was analyzed for but not detected at the sample specific level RL
0600	Bh	B	Alpha Analytical	Found in associated blank as well as sample.
0600	Bh	DNR	Alpha Analytical	Do not report (DV qual). Result from other labrep is preferred.
0600	Bh	F	Alpha Analytical	Reported concentration was below the method detection limit.
0600	Bh	FJ	Alpha Analytical	Estimated; Reported concentration was below the method detection limit.
0600	Bh	G	Alpha Analytical	Matrix interference.
0600	Bh	J	Alpha Analytical	Estimated value; below quantitation limit.
0600	Bh	JB	Alpha Analytical	Estimated value. Found in associated blank as well as sample.
0600	Bh	JBG	Alpha Analytical	Estimated value (below QL). Matrix interference. Found in blank.
0600	Bh	JG	Alpha Analytical	Estimated value (below QL). Matrix interference.
0600	Bh	U	Alpha Analytical	The analyte was analyzed for but not detected at the sample specific level RL
0600	Bh	UJ	Alpha Analytical	The analyte was analyzed for but not detected at the RL; Estimated value.
0600	Bm	B	Alpha Analytical	Found in associated blank as well as sample.
0600	Bm	BG	Alpha Analytical	Matrix interference. Found in associated blank as well as sample.
0600	Bm	G	Alpha Analytical	Matrix interference.
0600	Bm	J	Alpha Analytical	Estimated value; below quantitation limit.
0600	Bm	JB	Alpha Analytical	Estimated value. Found in associated blank as well as sample.
0600	Bm	JBG	Alpha Analytical	Estimated value (below QL). Matrix interference. Found in blank.
0600	Bm	JG	Alpha Analytical	Estimated value (below QL). Matrix interference.
0600	Bm	U	Alpha Analytical	The analyte was analyzed for but not detected at the sample specific level RL

<u>Stage</u>	<u>Stage Definition</u>
UNVAL	Unvalidated
S1	Completeness check and check of sample conditions
S2A	Cursory review of samples & QC Samples
S2B	Cursory review of samples, QC samples & Instrument QC
S3	Full review without analyte identification check
S4	Full review with analyte identification check

<u>Validation Type</u>	<u>Validation Type Definition</u>
VM	Manual review
VE	Electronic review
VEM	Electronic and manual review

<u>DVLevel</u>	<u>Definition</u>
UNVAL	Unvalidated
S1VE	Completeness check and check of sample conditions, Electronic review
S1VEM	Completeness check and check of sample conditions, Electronic and manual review
S1VM	Completeness check and check of sample conditions, Manual review
S2AVE	Cursory review of samples & QC Samples, Electronic review
S2AVEM	Cursory review of samples & QC Samples, Electronic and manual review
S2AVM	Cursory review of samples & QC Samples, Manual review
S2BVE	Cursory review of samples, QC samples & Instrument QC , Electronic review
S2BVEM	Cursory review of samples, QC samples & Instrument QC , Electronic and manual review
S2BVM	Cursory review of samples, QC samples & Instrument QC , Manual review
S3VE	Full review without analyte identification check , Electronic review
S3VEM	Full review without analyte identification check , Electronic and manual review
S3VM	Full review without analyte identification check , Manual review
S4VE	Full review with analyte identification check , Electronic review
S4VEM	Full review with analyte identification check , Electronic and manual review
S4VM	Full review with analyte identification check , Manual review